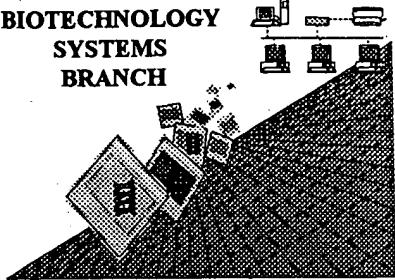


# RAW SEQUENCE LISTING

## ERROR REPORT

0200  
BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:**

Application Serial Number: 09/421,213

Art Unit / Team No.: 01/P6

Date Processed by STIC: 11/9/99

**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

**1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**

**2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

**MARK SPENCER 703-308-4212**

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/421,213DATE: 11/09/1999  
TIME: 11:24:18

Input Set: I421213.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

1 <110> O'Brien, Timothy J.  
 2 <120> TADG-15: An Extracellular Serine Protease  
 3 Overexpressed in Breast and Ovarian Carcinomas  
 4 <130> D6064CIP →<140> US 09/421,213  
 5 <141> 1999-10-20  
 6 <150> 09/027,337  
 7 <151> 02-20-1998  
 8 <160> 98  
 9 <170> WORD 6.0.1 for Macintosh

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES FOLLOW

10 <210> 9  
 11 <211> 2900  
 12 <212> DNA  
 13 <213> Homo sapiens  
 14 <220>  
 15 <223> SNC-19; GeneBank Accession No. #U20428  
 16 <400> 9  
 17 cgctgggtgg tgctggcagc cgtgctgatc ggcctcctct tggctttgct ggggatcg 60  
 18 ttcctgggtgt ggcatggca gtaccgggac gtgcgtgtcc agaaggctt caatggctac 120 atgag  
 19 gtaaggcctgg ccagcaaggt gaaggacgcg ctgaagctgc tgtacagcgg agtcccattc 240  
 20 ctggggccctt accacaagga gtcggctgtg acggccttca gcgaggggcag cgtcatcgcc 300  
 21 tactactggc ctgagttcag catcccgacg caccctgggtt aggaggccga ggcgtcatg 360  
 22 gccaggagcg cgtagtcatg ctggcccccgc gggcgcgctc cctgaagtcc tttgtggtca 420  
 23 cctcagtggc ggctttcccc acggactcca aaacagtaca gaggacccag gacaacagct 480  
 24 gcagcttgg cctgcacgcg cgggtgtgaa gctgatgcgc ttcaccacgc cggcttcct 540  
 25 gacagccctt accccgctca tgcccgctgc cagtggctg cggggacgcg acgcagtgt 600  
 26 gagctactcg agctgactcg cagcttgact ggcctcgac gagcgcggca ggcacactgg 660  
 27 gacgtgtaca acaccctgag ccccatggag ccccacgcct ggtgagtgtg tggcacctac 720  
 28 cctcccttcc acaacactgac cttccactcc ctcccacgaa cgtcctgctc atcacactga 780  
 29 taaccaacac tgacgcggca tcccggttt gaggccaccc tcttccagct gcctaggatg 840  
 30 agcagctgtg gaggccgctt acgtaaagcc cagggggacat tcaacagccc ctactacca 900  
 31 ggccactacc cacccaacat tgactgcaca tggaaaattt aggtgccccaa caaccagcat 960  
 32 gtgaagggtgc gcttcaaatt cttctacctg ctggagcccg gcgtgcctgc gggcacctgc 1020  
 33 cccaaaggact acgtggagat caatggggag aaataactgcg gagagaggtc ccagttcg 1080  
 34 gtcaccagca acagcaacaa gatcacagtt cgcttccact cagatcagtc ctacaccgc 1140  
 35 accggcttct tagctgaata cctctccatc gactccagtg accccatgccc ggggcagttc 1200  
 36 acgtgcgcga cggggcgggtg tatccggaag gagctgcgcgt gtgatggctg ggcgactgca 1260  
 37 cccgaccacag cgtatgagctc aactgcagtt ggcacgcgg ccaccagttc acgtgcaaga 1320  
 38 gcaagttctg caagctttc tgggtctgcg acagtgtgaa cgagtgcggaa gacaacagcg 1380  
 39 acgagcaggg ttgcatttgt ccggacccag accttcaggt gttccaatgg gaagtgcctc 1440

insert  
a line  
return  
here

PAGE: 2

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/421,213DATE: 11/09/1999  
TIME: 11:24:18

Input Set: I421213.RAW

40 tcgaaaagcc agcagtgc aa tggaaaggac gactgtggg acgggtccga cgaggcctcc 1500  
 41 tgccccaaagg tgaacgtcgt cacttgc tacc aaacacaccc accgctgcct caatgggctc 1560  
 42 tgcttgagca agggcaaccc tgagtgtgac gggaggagg actgtagcga cggctcagat 1620  
 43 gagaaggact gcgactgtgg gctgcggta ttcacgagac aggctgtgt tggggggc 1680  
 44 acggatgcgg atgagggcga gtggccctgg caggtaagcc tgcacatgtct gggccaggc 1740  
 45 cacatctgcg gtgcttccct catctctccc aactggctgg tctctgccc acactgctac 1800  
 46 atcgatgaca gaggattcag gtactcagac cccacgcagg acggcettcc tgggcttgc 1860  
 47 cgaccagagc cagcgcaggc cctggggtgc aggagcgcag gctcaagcgc atcatctccc 1920  
 48 accccttctt caatgacttc accttcgact atgacatcgc gctgctggag ctggagaaac 1980  
 49 cggcagagta cagctccatg gtgcggccca tctgcctgccc ggacgcctgc catgtcttcc 2040  
 50 ctgcccggcaa ggcacatctgg gtcacgggct ggggacacac ccagtatgga ggcactggcg 2100  
 51 cgctgatcct gcaaaaagggt gagatccgcg tcatcaacca gaccacctgc gagaacctcc 2160  
 52 tgccgcagca gatcacgcgc cgcatgatgt gctggggctt cctcagcggc ggcgtggact 2220  
 53 cctgcacagg tgattccggg ggacccctgt ccagcgtggc ggcggatggg cggatcttcc 2280  
 54 aggccgggtgt ggtgagctgg ggagacgctg cgctcagagg aacaagccag gctgtacac 2340  
 55 aaggctccct ctgtttcggg aatggatcaa agagaacact ggggtatagg ggcgggggccc 2400  
 56 acccaaatgt gtacacactgc gggccaccc atcgtccacc ccagtgtgca cgcctgcagg 2460  
 57 ctggagactc ggcacccgtg acctgcacca ggcacccaga acatacactg tgaactcatc 2520  
 58 tccaggctca aatctgctag aaaacctctc gcttcctcag cctccaaagt ggagctggga 2580  
 59 gggtagaagg ggaggaacac tgggtgtct actgacccaa ctggggcaag gtttgaagca 2640  
 60 cagctccggc agcccaagtg ggcgaggacg cgtttgcact tactgcccctg ctctatacac 2700  
 61 ggaagacctg gatctcttagt gagtgtgact gccggatctg gctgtggtcc ttggccacgc 2760  
 62 ttcttgagga agcccaggct cggaggaccc tggaaaacag acgggtctga gactgaaaat 2820  
 63 gttttaccag ctcccagggtg acttcagtgt gtgtattgtg taaatgagta aaacatttta 2880  
 64 tttctttta aaaaaaaaaaa 2900

E--> 65 <210> 10  
 66 <211> 922 902 shown (p. 5)  
 67 <212> PRT  
 68 <213> Mus musculus  
 69 <220>  
 70 <223> Epithin  
 71 <400> 10

72 Met Gly Ser Asn Arg Gly Arg Lys Ala Gly Gly Ser Gln Asp  
 73 5 10 15  
 74 Phe Gly Ala Gly Leu Lys Tyr Asp Ser Arg Leu Glu Asn Met Asn  
 75 20 25 30  
 76 Gly Phe Glu Glu Gly Val Glu Phe Leu Pro Ala Asn Asn Ala Lys  
 77 35 40 45  
 78 Lys Val Glu Lys Arg Gly Pro Arg Arg Trp Val Val Leu Val Ala  
 79 50 55 60  
 80 Val Leu Phe Ser Phe Leu Leu Ser Leu Met Ala Gly Leu Leu  
 81 65 70 75  
 82 Val Trp His Phe His Tyr Arg Asn Val Arg Val Gln Lys Val Phe  
 83 80 85 90  
 84 Asn Gly His Leu Arg Ile Thr Asn Glu Ile Phe Leu Asp Ala Tyr  
 85 95 100 105  
 86 Glu Asn Ser Thr Ser Thr Glu Phe Ile Ser Leu Ala Ser Gln Val  
 87 110 115 120  
 88 Lys Glu Ala Leu Lys Leu Leu Tyr Asn Glu Val Pro Val Leu Gly

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## RAW SEQUENCE LISTING

PATENT APPLICATION US/09/421,213

DATE: 11/09/1999

TIME: 11:24:18

Input Set: I421213.RAW

89	125	130	135
90	Pro Tyr His Lys Lys Ser Ala Val Thr Ala Phe Ser Glu Gly Ser		
91	140	145	150
92	Val Ile Ala Tyr Tyr Trp Ser Glu Phe Ser Ile Pro Pro His Leu		
93	155	160	165
94	Ala Glu Glu Val Asp Arg Ala Met Ala Val Glu Arg Val Val Thr		
95	170	175	180
96	Leu Pro Pro Arg Ala Arg Ala Leu Lys Ser Phe Val Leu Thr Ser		
97	185	190	195
98	Val Val Ala Phe Pro Ile Asp Pro Arg Met Leu Gln Arg Thr Gln		
99	200	205	210
100	Asp Asn Ser Cys Ser Phe Ala Leu His Ala His Gly Ala Ala Val		
101	215	220	225
102	Thr Arg Phe Thr Thr Pro Gly Phe Pro Asn Ser Pro Tyr Pro Ala		
103	230	235	240
104	His Ala Arg Cys Gln Trp Val Leu Arg Gly Asp Ala Asp Ser Val		
105	245	250	255
106	Leu Ser Leu Thr Phe Arg Ser Phe Asp Val Ala Pro Cys Asp Glu		
107	260	265	270
108	His Gly Ser Asp Leu Val Thr Val Tyr Asp Ser Leu Ser Pro Met		
109	275	280	285
110	Glu Pro His Ala Val Val Arg Leu Cys Gly Thr Phe Ser Pro Ser		
111	290	295	300
112	Tyr Asn Leu Thr Phe Leu Ser Ser Gln Asn Val Phe Leu Val Thr		
113	305	310	315
114	Leu Ile Thr Asn Thr Gly Arg Arg His Leu Gly Phe Glu Ala Thr		
115	320	325	330
116	Phe Phe Gln Leu Pro Lys Met Ser Ser Cys Gly Gly Val Leu Ser		
117	335	340	345
118	Asp Thr Gln Gly Thr Phe Ser Ser Pro Tyr Tyr Pro Gly His Tyr		
119	350	355	360
120	Pro Pro Asn Ile Asn Cys Thr Trp Asn Ile Lys Val Pro Asn Asn		
121	365	370	375
122	Arg Asn Val Lys Val Arg Phe Lys Leu Phe Tyr Leu Val Asp Pro		
123	380	385	390
124	Asn Val Pro Val Gly Ser Cys Thr Lys Asp Tyr Val Glu Ile Asn		
125	395	400	405
126	Gly Glu Lys Gly Ser Gly Glu Arg Ser Gln Phe Val Val Ser Ser		
127	410	415	420
128	Asn Ser Ser Lys Ile Thr Val His Phe His Ser Asp His Ser Tyr		
129	425	430	435
130	Thr Asp Thr Gly Phe Leu Ala Glu Tyr Leu Ser Tyr Asp Ser Asn		
131	440	445	450
132	Asp Pro Cys Pro Gly Met Phe Met Cys Lys Thr Gly Arg Cys Ile		
133	455	460	465
134	Arg Lys Glu Leu Arg Cys Asp Gly Trp Ala Asp Cys Pro Asp Tyr		
135	470	475	480
136	Ser Asp Glu Arg Tyr Cys Arg Cys Asn Ala Thr His Gln Phe Thr		
137	485	490	495
138	Cys Lys Asn Gln Phe Cys Lys Pro Leu Phe Trp Val Cys Asp Ser		

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/421,213DATE: 11/09/1999  
TIME: 11:24:18

Input Set: I421213.RAW

139	500	505	510
140	Val Asn Asp Cys Gly Asp Gly Ser Asp	Glu Glu Gly Cys Ser Cys	
141	515	520	525
142	Pro Ala Gly Ser Phe Lys Cys Ser Asn	Gly Lys Cys Leu Pro Gln	
143	530	535	540
144	Ser Gln Lys Cys Asn Gly Lys Asp Asn	Cys Gly Asp Gly Ser Asp	
145	545	550	555
146	Glu Ala Ser Cys Asp Ser Val Asn Val	Val Ser Cys Thr Lys Tyr	
147	560	565	570
148	Thr Tyr Arg Cys Gln Asn Gly Leu Cys	Leu Ser Lys Gly Asn Pro	
149	575	580	585
150	Glu Cys Asp Gly Lys Thr Asp Cys Ser	Asp Gly Ser Asp Glu Lys	
151	590	595	600
152	Asn Cys Asp Cys Gly Leu Arg Ser Phe	Thr Lys Gln Ala Arg Val	
153	605	610	615
154	Val Gly Gly Thr Asn Ala Asp Glu Gly	Glu Trp Pro Trp Gln Val	
155	620	625	630
156	Ser Leu His Ala Leu Gly Gln Gly His	Leu Cys Gly Ala Ser Leu	
157	635	640	645
158	Ile Ser Pro Asp Trp Leu Val Ser Ala	Ala His Cys Phe Gln Asp	
159	650	655	660
160	Asp Lys Asn Phe Lys Tyr Ser Asp Tyr	Thr Met Trp Thr Ala Phe	
161	665	670	675
162	Leu Gly Leu Leu Asp Gln Ser Lys Arg	Ser Ala Ser Gly Val Gln	
163	680	685	690
164	Glu Leu Lys Leu Lys Arg Ile Ile Thr	His Pro Ser Phe Asn Asp	
165	695	700	705
166	Phe Thr Phe Asp Tyr Asp Ile Ala Leu	Leu Glu Leu Glu Lys Ser	
167	710	715	720
168	Val Glu Tyr Ser Thr Val Val Arg Pro	Ile Cys Leu Pro Asp Ala	
169	725	730	735
170	Thr His Val Phe Pro Ala Gly Lys Ala	Ile Trp Val Thr Gly Trp	
171	740	745	750
172	Gly His Thr Lys Glu Gly Gly Thr Gly	Ala Leu Ile Leu Gln Lys	
173	755	760	765
174	Gly Glu Ile Arg Val Ile Asn Gln Thr	Thr Cys Glu Asp Leu Met	
175	770	775	780
176	Pro Gln Gln Ile Thr Pro Arg Met Met	Cys Val Gly Phe Leu Ser	
177	785	790	795
178	Gly Gly Val Asp Ser Cys Gln Gly Asp	Ser Gly Gly Pro Leu Ser	
179	800	805	810
180	Ser Ala Glu Lys Asp Gly Arg Met Phe	Gln Ala Gly Val Val Ser	
181	815	820	825
182	Trp Gly Glu Gly Cys Ala Gln Arg Asn	Lys Pro Gly Val Tyr Thr	
183	830	835	840
184	Arg Leu Pro Cys Ser Ser Gly Leu Asp	Gln Arg Ala His Trp Gly	
185	845	850	855
186	Ile Ala Ala Trp Thr Asp Ser Arg Pro	Gln Thr Pro Thr Gly Met	
187	860	865	870
188	Pro Asp Met His Thr Trp Ile Gln Glu	Arg Asn Thr Asp Asp Ile	

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/421,213DATE: 11/09/1999  
TIME: 11:24:18

numbering off Input Set: I421213.RAW

189

875

900 880

905 885

190

Tyr Ala Val Ala Ser Pro Pro Gln His Asn Pro Asp Cys Glu Leu

191

910 890

915 895

920 900

192

His Pro

Input Set: I421213.RAW

## Line ? Error/Warning

## Original Text

18 E Number of Bases conflict w/ Running Total ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt  
18 E Wrong Nucleic Acid Designator ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt  
18 E Wrong Nucleic Acid Designator ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt  
18 E Wrong Nucleic Acid Designator ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt  
66 E Input 922, Calc Seq.Length 902 differ <211> 922